

10/615,516.

CD 21

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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Patent Number	6,928,348
	Issue Date	August 9, 2005
	Patentee	LIGHTNER et al.
	Attorney Docket Number	0307091.0158
Total Number of Pages in This Submission		

Certificate of Correction
AUG 29 2005

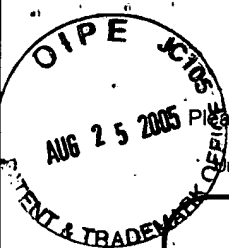
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Request for Certificate of Correction of Patent Under 37 C.F.R. § 1.323 <input checked="" type="checkbox"/> Certificate of Correction (Form PTO/SB/44) <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration of Mailing by Express Mail <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Make Special Under 37 C.F.R. § 1.102(d) <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Stephen C. Glazier (Registration No. 31,361) Kirkpatrick & Lockhart LLP
Signature	
Date	23 Aug 05

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 8-24-05			
Typed or printed name	Sadie M. Bone		
Signature		Date	8-24-05

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30 2005



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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Patent Number	6,928,348
	Issue Date	August 9, 2005
	Patentee	LIGHTNER et al.
	Attorney Docket Number	0307091.0158
Total Number of Pages in This Submission		

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Declaration of Mailing by Express Mail	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Make Special Under 37 C.F.R. § 1.102(d)	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Request for Certificate of Correction of Patent Under 37 C.F.R. §1.323	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input checked="" type="checkbox"/> Certificate of Correction (Form PTO/SB/44)	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Stephen C. Glazier (Registration No. 31,361) Kirkpatrick & Lockhart LLP
Signature	
Date	23 AUG 05

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Typed or printed name	Sadie M. Bone		
Signature		Date	8-24-05

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PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL
for FY 2005

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100

Complete if Known

Patent Number	6,928,348
Issue Date	August 9, 2005
Patentee	LIGHTNER et al.
Attorney Docket No.	0307091.0158

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit Account Number: 50-1721

Deposit Account Name: Kirkpatrick & Lockhart LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 0 -20 ** = 0 X 18 = 0

Independent Claims: 0 -3 ** = 0 X 86 = 0

Multiple Dependent: 0 X = 0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,400	2501		Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify): Certificate of Correction Under 37 C.F.R. § 1.323 100

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 100

SUBMITTED BY

Name (Print/Type)	Stephen O. Glaser	Registration No. (Attorney/Agent)	31,361	Telephone	202/778-9045
Signature	[Signature]			Date	23 Aug 05

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AUG 25 2005

**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 100**Complete if Known**

Patent Number	6,928,348
Issue Date	August 9, 2005
Patentee	LIGHTNER et al.
Attorney Docket No.	0307091.0158

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
50-1721Deposit Account Name
Kirkpatrick & Lockhart LLP**The Director is authorized to: (check all that apply)**

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☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
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1002	340	2002	170	Design filing fee	
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1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims	0	-20 **	=	0	X	18	= 0
Multiple Dependent	0	-3 **	=	0	X	86	= 0
Dependent	0				X		= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
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SUBTOTAL (2)

(\$0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
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1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify): Certificate of Correction Under 37 C.F.R. § 1.323

100

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$100)

SUBMITTED BY

Name (Print/Type)

Stephen C. Glazier

Registration No.
(Attorney/Agent)

31,361

Telephone

202/778-9045

Signature

Date

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AUG 30 2005



PATENT
ATTNY. DOCKET NO.: 0307091.0158

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT NO.: 6,928,348
ISSUED: August 9, 2005
PATENTEE: Lightner et al.
FOR: INTERNET-BASED EMISSIONS TEST FOR VEHICLES

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
UNDER 37 C.F.R. §1.323

Sir:

Applicants request correction of the above-identified issued patent by certificate of correction. Attached, in duplicate, is Form PTO/SB/44, with at least one copy being suitable for printing.

The errors to be corrected are in Figure 3 of the drawings of the issued patent. Specifically, portions of Figure 3 are indiscernible due to printing and copying mistakes. Therefore, for the sake of clarity, applicants request that original Figure 3 in the issued patent be replaced by the clearer version of the figure depicted in attached Form PTO/SB/44. Applicants assert that the errors in the figure are a mistake of minor character, and the requested corrections do not involve changes which would constitute new matter or require reexamination, or otherwise materially affect the scope or meaning of the issued patent.

08/26/2005 BABRAHA1 00000004 6928348

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100.00 OP

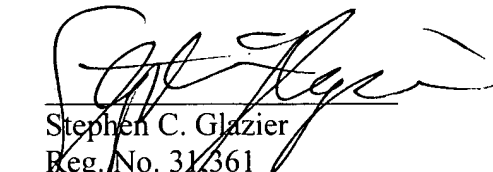
AUG 30 2005

Patent No.: 6,928,348
Patentee: Lightner et al.
Page 2 of 2

These errors were not the fault of the Office, and, therefore, the requisite fee set forth in 37 C.F.R. §1.20(a) is enclosed herewith. Please apply any additional charges or credits to Deposit Account No. 50-1721. Please send the certificate to the undersigned.

Respectfully submitted,

Date: 23 Aug 05


Stephen C. Glazier
Reg. No. 31,361
(202) 778-9045

KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP
1800 Massachusetts Ave., NW
2nd Floor
Washington, DC 20036
(202) 778-9000
Fax: (202) 778-9100
sglazier@kl.com

AUG 30 2005

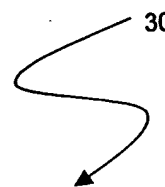
UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,928,348
APPLICATION NO.: 10/615,516
ISSUE DATE : August 9, 2005
INVENTOR(S) : Lightner, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, on Sheet 3, replace Figure 3 with the following version of the figure:



<u>Time/Date</u>	<u>Supported Tests</u>	<u>Status</u>
3/17/01 21:23	Misfire Monitoring	complete
	Fuel Systems Monitoring	complete
	Comprehensive Component Monitoring	complete
	Catalyst Monitoring	complete
	Evaporative System Monitoring	complete
	Oxygen Sensor Monitoring	complete
	Oxygen Sensor Heater Monitoring	complete
	EGR System Monitoring	complete

3/18/01 12:25

32

34

36

Fig. 3

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Stephen C. Glazier, Esq.
Kirkpatrick & Lockhart Nicholson Graham
1800 Mass. Avenue, N.W. - Second Floor Washington, DC 20036-1221

FIG 3 0 2005

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,928,348
APPLICATION NO.: 10/615,516
ISSUE DATE : August 9, 2005
INVENTOR(S) : Lightner, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, on Sheet 3, replace Figure 3 with the following version of the figure:

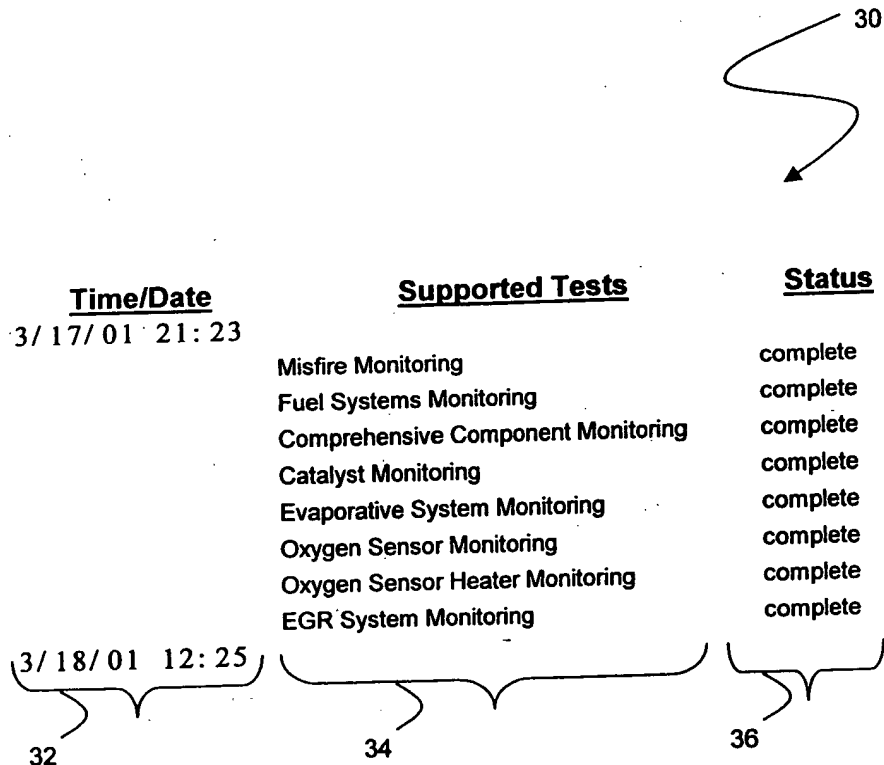


Fig. 3

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Stephen C. Glazier, Esq.
Kirkpatrick & Lockhart Nicholson Graham
1800 Mass. Avenue, N.W. - Second Floor Washington, DC 20036-1221 AUG 30 2005